



# DOMOSIL

## Decorative and protective siloxane finishing paint

**RIALTO DOMOSIL** is a smooth coating with matt finish. It is a single-can product made up of oligomeric siloxanes, lifelong fungicide-bactericide, select graded micronized aggregates, and pigments unaffected by ultra-violet rays.

### PROPERTIES

**RIALTO DOMOSIL** is marked by and stands out for the following characteristics:

- high water vapor permeability:  
>230 g/m<sup>2</sup>-24h (DIN 53122)  $\mu=410$ , Sd=0.09 m
- it is water repellent with outstanding weather resistance
- it is resistant to alkalis and acid rain
- it is wash resistant
- it has very good adhesion (35 kgf/cm<sup>2</sup>)
- it has very good resistance to UV rays (non-yellowing)
- it prevents the formation of mould
- it can be easily applied using either a paintbrush, roller or spray
- it is non harmful (in compliance with EC regulations)
- it is non-flammable
- it is abrasion resistant: 12,000 Gardner cycles
- specific gravity: 1.42 ± 0.02 kg/l
- pH: 8 ± 0.2
- viscosity: 8,000 ± 1,000 mPas
- dry residue: 60 ± 0.5% by weight
- resin dry residue out of total volume solids: 20 ± 0.5% by weight

### PURPOSES

**RIALTO DOMOSIL** guarantees permanent protection against the weathering effects of water and acid rain, while still allowing walls to breath. It has smooth matt finish which highlights the features of the surface. Thanks to its properties and attractive appearance it is ideal both for new buildings and those requiring water-repellency and permeability together with even shades of color. Prior to use, surfaces should be sound and dry.

After preparation **RIALTO DOMOSIL** can be applied to:

- plasters
- architectural concrete
- building boards
- bricks and tuff
- pre-painted surfaces
- surfaces smoothed down with **RIALTO WALLCEM**
- gypsum
- plasterboards

### WORKING INSTRUCTIONS

#### External use:

- apply a generous coat of **RIALTO ISOCAL** anti-efflorescence water-repellent primer to concrete, new bricks and new plaster, well dried and left to rest for at least 28 days
- if the surface is dusty or too absorbent, apply a priming coat of anti-efflorescence **RIALTO ISOCAL** or **RIALTO DURASIL** and leave for at least 48 hours
- on new traditional lime based plaster, apply a generous coat of **RIALTO ISOCAL** or **RIALTO DURASIL** only after plaster has dried for two months
- remove loose material from deteriorated plaster and smooth the surface with **RIALTO WALLCEM** before applying a generous coat of **RIALTO ISOCAL**
- remove surface efflorescence from bricks or plaster and apply a generous coat of **RIALTO ISOCAL**
- apply two coats of **RIALTO DOMOSIL** after at least two days. After applying the first coat (diluted with 35% - 40% water) using a brush, leave for at least 12 hours and then apply the second coat (diluted with 30% - 35% water)
- dilute only the amount of product to be used within the following 12 hours
- it is advisable to stir the product thoroughly when diluting
- wash brushes and equipment with water immediately after use
- do not apply in rainy and windy weather, when temperatures are below 7°C (44°F) and never on surfaces either frozen or overheated by the sun

#### Indoor use:

- apply **RIALTO DOMOSIL** to new plaster or to **RIALTO WALLCEM** following the same steps as for outdoor use
- apply a coat of **RIALTO PRIMER** diluted with 1:7 water before applying **RIALTO DOMOSIL** to plasterboard or pre-painted surfaces
- dilute only the amount of the product to be used within the following 12 hours
- it is advisable to stir the product thoroughly when diluting
- wash brushes and equipment with water immediately after use
- store the product in a dry place at a temperature not lower than 5°C (41°F) or exceeding 30°C (86°F)
- dispose of product with care
- dispose of waste through authorized waste disposal services



## COVERING CAPACITY

The spreading rate is approximately 6 m<sup>2</sup>/l (240 sq.ft./gal) for two coats, based on finely spread plaster, but it can vary depending on the surface and the absorption rate.

## PACKAGING

**RIALTO DOMOSIL** is available in 15 l containers.

## COLOR RANGE

**RIALTO DOMOSIL** is available in a wide range of colors. See relevant color chart and/or Collezione Italia fan deck.

Shades not included in the color range are also available on demand at extra cost depending on the shade. A sample of the color must be provided. Minimum quantity: 45 l.

**RIALTO DOMOSIL** white color and the three bases can be tinted with **RIALTO INORGANIC TINTING PASTES** with the following quantities:

BASE 100: max 5% of colorants by weight

BASE 300: max 8% of colorants by weight

BASE 400: max 10% of colorants by weight

Product of the same batch number should be used for a job.

## REFERENCES

For further information regarding the product mentioned in the text, see the following technical sheets:

**RIALTO PRIMER**

**RIALTO WALLCEM GRIGIO**

**RIALTO WALLCEM BIANCO**

**RIALTO ISOCAL**

**RIALTO DURASIL**



For further help or information regarding the products in the **RIALTO** range contact your local dealer.

Every care has been taken to ensure that the information provided in this technical data sheet is accurate. **Harpo** is unable to guarantee results as it has no control over the conditions under which its products are applied.

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